

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2398	(623/17.11 or 623/17.12 or 623/17.13 or 623/17.14 or 623/17.15 or 623/17.16). ccls. and (ball or concave or convex or socket or sphere)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:13
L2	1224	1 and @riad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:13
L3	1125	1 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:13
L4	1677	2 3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:13
L5	82	4 and @pd> "20081201"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:14
L6	328	623/21.1\$2.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:37
L7	84	6 and @riad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:37
L8	238	6 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:37
L9	272	7 8	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:37
L10	84	9 and ankle	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:37
L11	156	(intervertebral or spinal or spine) and ((first or top or upper) with (member or plate or component)) and ((center or core or intermediate) with (member or component)) and (concave and convex) and (different with (radius or curvature))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:43

L12	89	11 and @rlad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:43
L13	75	11 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:44
L14	117	12 13	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/08/11 17:44
S1	487	623/17.14.ccls. or 623/17.15. ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:33
S2	1303	(623/17.11 or 623/17.12 or 623/17.13 or 623/17.14 or 623/17.15 or 623/17.16). ccls. and (ball or concave or convex or socket or sphere)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:34
S3	280	S1 and @rlad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:34
S4	334	S1 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:34
S5	422	S3 S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/09/17 11:34
S6	30	(US-20060195192-\$ or US- 20060122703-\$ or US- 20060116768-\$ or US- 20060036326-\$ or US- 20060036325-\$ or US- 20050283245-\$ or US- 20050256581-\$ or US- 20050240273-\$ or US- 20050197705-\$ or US- 20050187633-\$ or US- 20050107881-\$ or US- 20040153159-\$ or US- 20040143332-\$ or US- 20040133278-\$ or US- 20040111160-\$ or US- 20040030391-\$ or US- 20040024460-\$ or US- 20040002761-\$).did. or (US- 7048764-\$ or US-6881228-\$ or US-6682562-\$ or US- 6679915-\$ or US-6440168-\$ or US-6416551-\$ or US- 6368350-\$ or US-6146421-\$ or US-5895428-\$ or US- 5556431-\$ or US-5401269-\$ or US-4759766-\$).did.	US-PGPUB; USPAT	OR	ON	2006/09/17 12:58

S7	18	S6 and translation	US-PGPUB; USPAT	OR	ON	2006/09/17 12:58
S8	957	(623/17.14 or 623/17.15 or 623/17.16).ccls. and (ball or concave or convex or socket or sphere\$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
S9	562	S8 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
S10	650	S8 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
S11	826	S9 S10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/04 14:28
S12	14	("4759766" "5314477" "5401269" "5534029" "5674296" "5676701" "5888226" "5895428" "5899941" "6063121" "6146421" "6368350" "6540785" "6645248").PN. OR ("7048764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/04 15:45
S13	0	"7048764.on"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/05 15:38
S14	1	"7048764".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/05 15:47
S15	1	"10/698,966"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/05 15:58
S16	1	"10/465,277"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/04/05 15:58
S17	1550	623/17.14.ccls. or 623/17.15.ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 23:32
S18	839	S17 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:34
S19	1035	S17 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:34
S20	1293	S18 S19	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:41

S21	316	S20 and (radius with curvature)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:38
S22	286	623/21.1\$2.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:38
S23	71	S22 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:38
S24	234	S22 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 21:38
S25	257	S23 S24	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:21
S26	138	623/23.39.ccls. or 623/23.4.ccls. or 623/23.41.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:21
S27	55	S26 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:22
S28	83	S26 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:22
S29	105	S27 S28	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:33
S30	244	623/18.11.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:33
S31	106	S30 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:34
S32	201	S30 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:34
S33	219	S31 S32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:34
S34	195	S33 not (S25 or S29)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/08/22 22:34
S35	214	623/17.14.ccls. or 623/17.15.ccls.	USPAT; EPO; JPO	OR	ON	2007/08/22 23:33
S36	100	S35 and @rlad<"20040323"	USPAT; EPO; JPO	OR	ON	2007/08/22 23:33
S37	202	S35 and @ad<"20040323"	USPAT; EPO; JPO	OR	ON	2007/08/22 23:33

S38	209	S36 S37	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45
S39	454	623/17.16.ccls.	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45
S40	208	S39 and @rlad<"20040323"	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45
S41	440	S39 and @ad<"20040323"	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45
S42	450	S40 S41	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45
S43	411	S42 not S38	USPAT; EPO; JPO	OR	ON	2007/08/22 23:45
S44	2968	623/17.11.ccls. or 623/17.12. ccls. or 623/17.13.ccls. or 623/17.14.ccls. or 623/17.15. ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S45	1514	S44 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S46	1794	S44 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S47	2325	S45 S46	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S48	1654	623/17.14.ccls. or 623/17.15. ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S49	882	S48 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S50	1060	S48 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 10:35
S51	1345	S49 S50	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:10
S52	1914	623/17.11.ccls. or 623/17.12. ccls. or 623/17.13.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:10
S53	963	S52 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:10
S54	1122	S52 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:10

S55	1468	S53 S54	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:10
S56	980	S55 not S51	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:11
S57	567	S56 and (convex\$4 or concav \$4 or spher\$4 or ball)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 12:11
S58	633	S56 and (convex\$4 or concav \$4 or spher\$4 or ball or arcuate)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 15:06
S59	146	(spin\$2 or interverteb\$4) and (implant or prosthesis\$4) and ((upper or top) with (plate or endplate)) and ((bottom or lower) with (plate or endplate)) and (center or spacer or insert) and convex\$3 and concav\$3 and ((different or larger or smaller or greater) with curvature)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 15:08
S60	109	S59 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 15:09
S61	86	S59 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 15:09
S62	122	S60 S61	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/12/27 15:09
S63	15	("4759766" "5314477" "5401269" "5534029" "5674296" "5676701" "5888226" "5895428" "5899941" "6063121" "6146421" "6368350" "6540785" "6645248").PN. OR ("7048764").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 16:57
S64	3781	623/17.\$2.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:42
S65	2104	623/17.14.ccls. or 623/17.15. ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:44
S66	94	S65 and ((insert or core or spacer or intermediate or center or central) with composite)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:44

S67	41	S66 and @rlad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S68	50	S66 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S69	62	S67 S68	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S70	3672	623/17.11.ccls. or 623/17.12.ccls. or 623/17.13.ccls. or 623/17.14.ccls. or 623/17.15.ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S71	158	S70 and ((insert or core or spacer or intermediate or center or central) with composite)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S72	76	S71 and @rlad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S73	84	S71 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S74	109	S72 S73	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:45
S75	18	S70 and ((insert or core or spacer or intermediate or center or central) with composite with elastomer \$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:47
S76	96	S70 and (insert or core or spacer or intermediate or center or central) and (composite with elastomer \$3)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:52
S77	43	S76 and @rlad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:53
S78	36	S76 and @ad< "20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:53
S79	53	S77 S78	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:53
S80	42	S79 not S75	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 16:53

S81	342	S70 and ((insert or core or spacer or intermediate or center or central) same composite)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S82	158	S70 and ((insert or core or spacer or intermediate or center or central) with composite)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S83	76	S82 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S84	84	S82 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S85	109	S83 S84	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S86	103	S85 not S80	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:00
S87	92	S85 not S79	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 17:01
S88	3	"10/806,961"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:01
S89	2355	623/17.12.ccls. or 623/17.13.ccls. or 623/17.14.ccls. or 623/17.15.ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:16
S90	1135	S89 and @rlad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:17
S91	1227	S89 and @ad<"20040323"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:17
S92	1677	S90 S91	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:17
S93	131	S92 and @pd>"20080109"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:18
S94	1546	S92 not S93	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/13 19:18
S95	1	"7066958".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/14 19:31

S96	2	"11/487,841" or "7066958".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/12/15 10:50
S97	3937	(623/17.11 or 623/17.12 or 623/17.13 or 623/17.14 or 623/17.15 or 623/17.16).ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 15:46
S98	1821	S97 and @rlad<"20040323"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 15:46
S99	1917	S97 and @ad<"20040323"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 15:46
S100	2688	S98 S99	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 15:46
S101	84	S100 and @pd>"20081201"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 15:47
S102	2283	623/17.14.ccls. or 623/17.15.ccls. or 623/17.16.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 15:52
S103	512	S102 and @rlad<"20010101"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 15:52
S104	339	S102 and @ad<"20010101"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 15:53
S105	729	S103 S104	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/01 15:53
S106	431	S103 S104	USPAT; USOCR	OR	ON	2009/06/01 15:53
S107	1	"10/906,487"	USPAT; USOCR	OR	ON	2009/06/01 16:04
S108	0	"10/806,487"	USPAT; USOCR	OR	ON	2009/06/01 16:05
S109	1	"6764511".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/03 10:31
S110	1	"6972037".pn.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2009/06/03 10:45

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L15	142	(623/17.11 or 623/17.12 or 623/17.13 or 623/17.14 or 623/17.15 or 623/17.16). ccls.	UPAD	OR	ON	2009/08/11 17:50
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8/11/09 5:58:04 PM

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